

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Leather Care (German: Lederpflege)

Revision date: 08.09.2020

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name:	Polytop GmbH	
Street:	Schafweide 2	
Place:	D-63762 Großostheim	
Telephone:	+49 (0) 6026 99577-0	Telefax: +49 (0) 6026 99577-56
e-mail:	info@polytop.de	
Contact person:	Zentrale	
Internet:	www.polytop.de www.polytop-shop.de	
Responsible Department:	Tel. +49 (0) 6026 99577-0 mo-th 08:00 - 16:30 o'clock, fr 08:00 - 14:30 o'clock (research and development)	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008**

Pictograms:

**Hazard statements**

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P391	Collect spillage.
P501	This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

see below Labelling for contents according to regulation (EC) No. 648/2004, Additional information: Substance for thickening.

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
69227-20-9	Alcohol ethoxylates (C16-22) #			1 - < 5 %
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
90640-32-7	amines, hydrogenated tallow alkyl			< 1 %
	292-550-5		01-2119473799-15	
	Skin Irrit. 2, Eye Dam. 1, STOT RE 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H315 H318 H373 H304 H400 H410			
122-99-6	2-phenoxyethanol			< 1 %
	204-589-7	603-098-00-9	01-2119488943-21	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine			< 1 %
	219-145-8		01-2119980592-29	
	Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H301 H314 H318 H373 H400 H410			
3811-73-2	sodium (1-oxo-1λ5-pyridin-2-yl)sulfanide			< 0.1 %
	223-296-5		01-2119493385-28	
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1; H332 H312 H302 H315 H319 H400 H410			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			<0,005 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one			< 0.1 %
	420-590-7	606-079-00-3	01-0000016721-74	
	Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H318 H317 H400 H410			

Full text of H and EUH statements: see section 16.

Specific concentration limits and M-factors

CAS No	EC No	Chemical name	Quantity
	Specific concentration limits and M-factors		
2372-82-9	219-145-8	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	< 1 %
	M akut; H400: M=10 M chron.; H410: M=1		
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	<0,005 %
	Skin Sens. 1; H317: >= 0,05 - 100		
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0,1 %
	M akut; H400: M=10 M chron.; H410: M=10		

Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % non-ionic surfactants, perfumes, preservation agents (PHENOXETOL, LAURYLAMINE DIPROPYLENEDIAMINE, SODIUM PYRITHIONE, BENZISOTHIAZOLINONE, BUTYLBENZISOTHIAZOLINONE).

Further Information

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH]. Art.2 Abs.9

SECTION 4: First aid measures

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4.1. Description of first aid measures**General information**

Avoid contact with skin and eyes.

After inhalation

not applicable

After contact with skin

No special measures are necessary.
No known symptoms to date.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.
Seek medical advice.
Let water be drunk in little sips (dilution effect).

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Give Dimeticon (Defoamer).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.
The product itself does not burn.

5.2. Special hazards arising from the substance or mixture

No special fire protection measures are necessary.

5.3. Advice for firefighters

No special fire protection measures are necessary.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

No special measures are necessary.

6.2. Environmental precautions

Dilute with plenty of water.

6.3. Methods and material for containment and cleaning up

Methods of cleaning - large amounts of spilled material
Take up mechanically.
Methods of cleaning - small amounts of spilled material
Dilute with plenty of water.

6.4. Reference to other sections

High slip hazard because of leaking or spilled product.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special precautionary measures are necessary.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

No special precautionary measures are necessary.

Hints on joint storage

No special precautionary measures are necessary.

7.3. Specific end use(s)

Automotive cleaning products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Eye/face protection

Wear eye/face protection.

Hand protection

Wear protective gloves.

Suitable material:

NR (natural rubber, natural latex), Butyl caoutchouc (butyl rubber), CR (polychloroprene, chloroprene rubber), NBR (Nitrile rubber), PVC (Polyvinyl chloride).

Skin protection

Body protection: not required.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	cream
Odour:	product-specific
pH-Value (at 20 °C):	8,0-8,5

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	not applicable

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

not Explosive.

Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature:	not determined
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Oxidizing properties

not oxidizing.

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Vapour pressure: (at 20 °C)	approx. 23 hPa
Density (at 20 °C):	0,99 g/cm ³
Water solubility:	complete miscible (emulsifiable)
Solubility in other solvents not determined	
Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	800-1500 mPa·s
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	0%

9.2. Other information

Not combustible.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No risks worthy of mention.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

No risks worthy of mention.

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
122-99-6	2-phenoxyethanol				
	oral	LD50 1850 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine				
	oral	ATE 100 mg/kg			
3811-73-2	sodium (1-oxo-1lambda5-pyridin-2-yl)sulfanide				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1,5 mg/l			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
90640-32-7	amines, hydrogenated tallow alkyl					
	Acute fish toxicity	LC50 mg/l	0,03	96 h	Annahme	
	Acute crustacea toxicity	EC50 mg/l	0,03	48 h		
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50 mg/l	220 - 460	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50 mg/l	> 500	72 h	Scenedesmus sp.	
	Acute crustacea toxicity	EC50 mg/l	> 500	48 h	Daphnia magna	

12.2. Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
122-99-6	2-phenoxyethanol	1,16

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No risks worthy of mention.

Further information

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Water.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

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Consult supplier about waste disposal.
Cleaned containers may be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: amines, hydrogenated tallow alkyl (<1%)

14.6. Special precautions for user

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3: 2-phenoxyethanol

2004/42/EC (VOC):

Volatile organic compounds (VOC) in percentage by weight: 0

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation):

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
not applicable

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

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This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

amines, hydrogenated tallow alkyl

2-phenoxyethanol

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

sodium (1-oxo-1λ⁵-pyridin-2-yl)sulfanide

1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one

2-n-butyl-benzo[d]isothiazol-3-one

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,4,8,11,12,14,15.

Abbreviations and acronyms

2003/15/EG: contains a list of allergenic fragrance substances

648/2004 (EG): Detergents Regulation

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

TLV: Threshold Limiting Value (is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse effects)

ATEmix: Acute Toxicity Estimates of a mixture

CAS: Chemical Abstracts Service (subdivision of the American Chemical Society)

CAS no: a unique numerical identifier assigned by Chemical Abstracts Service to every chemical substance (rarely a group of substances), described in the open scientific literature

CLP, 1272/2008 (EC): Regulation of the European Parliament on Classification, Labelling and Packaging of Substances and Mixtures

COD: chemical oxygen demand

DNEL: Derived No Effect Level

EC50: half maximal effective concentration (toxicity value), effect on 50% of the test population

EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

EN: European Standards

ErC50: median inhibitory concentration of growth rate (algal inhibition test), effect on 50% of the test population

EUH-phrase (-Code): precautionary statement (EC-specified, not derived from GHS)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals (of the United Nations)

hPa: Hectopascal (1000 hPa= 1bar)

H-phrase (-Code): hazardous statement

IATA: International Air Transport Association

IBC-Code: The IBC Code provides an international standard for the safe carriage in bulk by sea of dangerous chemicals

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

IUCLID: International Uniform Chemical Information Database

LC50: median lethal (killing) concentration (toxicity value), effect on 50% of the test population

LD50: median lethal (killing) dose, effect on 50% of the test population

log Kow: partition-coefficient between octanol and water (measures how hydrophilic or hydrophobic a chemical substance is)

MARPOL: Maritime Pollution Convention

OECD: Organisation for Economic Co-operation and Development

OECD 301 (A-F: methods for determination of biodegradability)

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PBT: persistent, bioaccumulative and toxic (substances that have high resistance to degradation from abiotic and biotic factors, high mobility in the environment and high toxicity)

PNEC: Predicted No Effect Concentration

ppm: parts per million, 10000ppm=1%

P-phrase (-Code): precautionary statement

REACH, 1907/2006 (EC): Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulation concerning the Carriage of Dangerous Goods by Rail (

STOT RE: Specific Target Organ Toxicity (repeated exposure)

STOT SE: Specific Target Organ Toxicity (single exposure)

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: very persistent and very bioaccumulative (s.PBT)

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)